| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|----------|------|---|------------------------------|---------------------|---------|------------------|
| L1 | 1 | "6263030".pn. | US-PGPUB; USPAT | OR | ON | 2004/12/20 09:55 |
| L2 | 1 | "6370189".pn. | US-PGPUB; USPAT | OR | ON | 2004/12/20 09:55 |
| L3 | 11 | ("5251237" "5263033" "5323421" "5446763" "5506861" "5544156" "5586143" "5862192" "6021161" "6084929" "6240099").PN. | US-PGPUB; USPAT; USOCR | ÓR | ON | 2004/12/20 09:56 |
| L4 | 8 | ("5230007" "5233633" "5263053" "5268930" "5422917" "6064703" "6137843" "6151487").PN. | US-PGPUB; USPAT; USOCR | OR | ON | 2004/12/20 10:03 |
| L5 | 278 | equalizer same (channel adj estimator) | US-PGPUB; USPAT; USOCR | OR | ON | 2004/12/20 10:07 |
| L6 | 5 | 5 and (channel adj tracker) | US-PGPUB; USPAT; USOCR | OR | ON | 2004/12/20 10:08 |
| L7 | 542 | equalizer and (channel adj estimator) | US-PGPUB; USPAT; USOCR | OR | ON | 2004/12/20 14:21 |
| L8 | 12 | 7 and (channel adj tracker) | US-PGPUB; USPAT; USOCR | OR | ON | 2004/12/20 10:51 |
| L9 | 1. | "5537438".pn. | US-PGPUB; USPAT; | OR | ON | 2004/12/20 10:27 |
| | | | USOCR | | | |
| L10 | 14 | ("5537438").URPN. | USPAT | OR | ON | 2004/12/20 10:27 |
| LIF | 64 | 5. and (controller): | US-PGPUB; USPAT; USOCR | OR | ON | 2004/12/20 10:51 |
| L12 | 6 | ("5251233" "5353307" "5473686" "5563911" "5592340" "6302576").PN. | US-PGPUB; USPAT; USOCR | OR | ON | 2004/12/20 11:02 |
| L13 | 0 | ("6466616").URPN. | USPAT | ÓR | ON | 2004/12/20 11:09 |
| L14 ` | 6 | ("5251233" "5353307" "5473686" "5563911" "5592340" "6302576").PN. | US-PGPUB; USPAT; USOCR | OR | ON | 2004/12/20 13:53 |
| L15 | 6 | "6463107" | US-PGPUB; USPAT; USOCR | OR | ON | 2004/12/20:13:53 |
| L16 | 88 | "455"/\$.ccls. and equalizer and (channel adj estimator) | US-PGPUB; USPAT; USOCR | OR | ON | 2004/12/20 14:22 |

| S1 | 0 | (iterative adj channel adj tracker) | US-PGPUB; USPAT | OR | ON | 2004/06/16 15:19 |
|-----------|--|---|--------------------|------|----|------------------|
| S2 | 2 | (iterative adj channel adj track\$5) | US-PGPUB; USPAT | OR | ON | 2004/06/16 15:40 |
| S3 | 16 | "5185764".URPN. | USPAT | OR | ON | 2004/06/16 15:21 |
| S4 | 1 | "5537438".pn. | US-PGPUB; USPAT | OR | ON | 2004/06/16 15:38 |
| S5 | 5 | ("5127051" "5185764" "5195106" "5214670" "5363411").PN. | USPAT | OR | ON | 2004/06/16 15:38 |
| S6 | 13 | "5537438".URPN. | USPAT | OR | ON | 2004/06/16 15:39 |
| S7 | 4 | (enabl\$5 adj channel adj track\$5) | US-PGPUB; USPAT | OR | ON | 2004/06/16 15:41 |
| S8 | 1 | (disabl\$5 adj channel adj track\$5) | US-PGPUB; USPAT | OR | ON | 2004/06/16 15:50 |
| S9 | 7 | (adaptive adj channel adj track\$5) | US-PGPUB; USPAT | OR | ON | 2004/06/16 15:53 |
| S10 | 0 | (enabl\$5 adj channel adj tracking) and (predetermine\$3) | US-PGPUB; USPAT | OR | ON | 2004/06/16 15:53 |
| S11 | 3 | (enabl\$5 adj channel adj tracking) | US-PGPUB; USPAT | OR | ON | 2004/06/16 15:53 |
| S12 | 298 | 375/231.ccls. | US-PGPUB; USPAT | OR | ON | 2003/11/26 11:10 |
| S13 | 0 | 375/231.ccls. and (channel adj tracker) | US-PGPUB; USPAT | OR | ON | 2003/11/17 11:23 |
| S14 | 282 | 375/231.ccls. | USPAT | OR | ON | 2003/11/25 16:22 |
| S15 | 285 | 375/231.ccls. | USPAT | OR | ON | 2003/11/25 16:22 |
| S16 | 5 | 375/231.ccls, and (channel adj | USPAT | OR · | ON | 2003/11/25 16:53 |
| | | track\$5) | | | | |
| S17 | 132 | equalizer and (channel adj track\$5) | USPAT | OR | ON | 2003/11/26 10:41 |
| S18 | 34 | equalizer same (channel adj track\$5) | USPAT | OR | ON | 2003/11/25 17:00 |
| S19 | 1 | "5191598".pn. | USPAT | OR | ON | 2003/11/25 17:01 |
| S20: | 1 | "4733402",pn/ | US-PGPUB; USPAT | OR | ON | 2003/11/26 10:37 |
| S21 | of dition beautiful interior and a Normal sector of the State of the S | "4674103".pn. | US-PGPUB; USPAT | OR | ON | 2003/11/26 10:37 |
| S22 | 26 | equalizer and (channel adj track\$5) and controller | USPAT | ÓR | ON | 2004/06/14 15:13 |
| S23 | 16 | "5185764".URPN. | USPAT | OR | ON | 2003/11/26 10:46 |
| S24 | 870 | 375/232.ccls. | US-PGPUB; USPAT | OR | ON | 2003/11/26 11:10 |
| S25 | 6 | 375/232.ccls. and (channel adj tracker) | US-PGPUB; USPAT | OR | ON | 2003/11/26 11:42 |

| S26 | 8 | "5577068".URPN. | USPAT | OR | ON | 2003/11/26 11:13 |
|-------------------|--------------------------|--|--------------------------|-----------|------------------------|---|
| S27 | 46 | 375/232.ccls. and (channel adj estimator) | US-PGPUB; USPAT | OR | ON | 2003/11/26 11:14 |
| S28 | 0 | (channel adj tracker) same (predetermined adj threshold) | US-PGPUB; USPAT | OR | ON | 2003/11/26 11:44 |
| S29 | 0 | (channel adj tracker) same (threshold) | US-PGPUB; USPAT | OR | ON | 2003/11/26 13:37 |
| S30 | 2 | (channel adj tracker) same controller | US-PGPUB; USPAT | OR | ON | 2003/11/26 12:05 |
| S31 | 1 | "5537438".pn. | US-PGPUB; | OR | ON | 2003/11/26 12:06 |
| | | | USPAT | 3. V. 100 | | |
| S32 | 10 | "5537438".URPN. | USPAT | OR | ON | 2003/11/26 12:06 |
| S33 | . 5 | ("5127051" "5185764" | USPAT | OR | ON | 2003/11/26 12:07 |
| | | "5195106" "5214670" "5363411").PN. | | | | |
| S34 | 0 | activat\$5 near8 (channel adj tracker) | US-PGPUB; USPAT | OR | ON | 2003/11/26 13:38 |
| S35 | 3 | switch\$5 near8 (channel adj | US-PGPUB; | OR | ON | 2003/11/26 13:44 |
| | | tracker) | USPAT | | | |
| S36 | 1 | "6151487".pn. | US-PGPUB; USPAT | OR | ON | 2003/11/26 13:43 |
| S37 | 8 | ("5230007" "5233633" | USPAT | OR | ON | 2003/11/26 13:43 |
| | | "5263053" "5268930" "5422917" | | | | |
| | | "6064703" "6137843" "6151487").PN. | | | | |
| S38 | ্রিটের ইবিন্দ্র এ 0 | "6263030".URPN. | USPAT | OR | ON | 2003/11/26 13:44 |
| anderstanding and | - Marie Section (Section | CORNELS CONTRACTOR CON | STEER BURGERS CONTRACTOR | | Military Maria service | فيتمار والمتاري والمتارية والمتارية والمتارية |
| S39 | | "5422917".pn. | US-PGPUB; USPAT | OR | ON. | 2003/11/26 13:44 |
| S40 | 0 | equalizer and (channel adi track#5) | USPAT | OR | | 2002/11/29 00:44 |
| 340 | | equalizer and (channel adj track\$5) and controller and (initial adj channel adj estimat\$5) | USPAT | UK | ON | 2003/11/28 09:44 |
| S41 | | equalizer and (channel adj track\$5) | USPAT | OR | ON | 2003/11/28 09:45 |
| | | and controller and (initial adj | | | | |
| | | channel) | | | | |
| S42 | 0 | (channel adj track\$5) and (compar\$5 adj (initial adj channel)) | USPAT | OR | ON | 2003/11/28 09:46 |
| S43. | 0 | (channel adj track\$5) and | USPAT | OR | ON | 2003/11/28 09:47 |
| | | (compar\$5 near8 (initial adj channel)) | | | | |
| S44 | 0 | (channel adj track\$5) and (compar\$5 near8 (initial adj estimate)) | USPAT | OR | ON | 2003/11/28 09:47 |
| S45 | 1 | (channel adj track\$5) and (compar\$5 same (initial adj | USPAT | OR | ON. | 2003/11/28 09:47 |
| | Special sec | estimate)) | 494 No. 1941 | | | |

| S46 | 2 | (initial adj channel adj estimat\$5) and (channel adj tracker) | US-PGPUB; USPAT | OR | ON | 2003/11/28 10:20 |
|-----|-----|---|--------------------|-----|-----|------------------|
| S47 | 0 | enabl\$5 near3 (channel adj tracker) | US-PGPUB; USPAT | OR | ON | 2003/11/28 10:18 |
| S48 | 0 | enabl\$5 same (channel adj tracker) | US-PGPUB; USPAT | OR | ON | 2003/11/28 10:18 |
| S49 | 2 | disabl\$5 same (channel adj tracker) | US-PGPUB; USPAT | OR | ON | 2003/11/28 10:19 |
| S50 | 0 | (disabl\$5 same (channel adj tracking)) and (on and off) | US-PGPUB; USPAT | OR | ON | 2003/11/28 10:20 |
| S51 | 0 | ((channel adj tracking)) same (on and off) | US-PGPUB; USPAT | OR | ON. | 2003/11/28 10:20 |
| S52 | 0 | ((channel adj tracking)) same (on and off) | US-PGPUB; USPAT | OR | ON | 2003/11/28 10:20 |
| S53 | 0 | (disabl\$5 same (channel adj tracker)) and (on and off) | US-PGPUB; USPAT | OR | ON | 2003/11/28 10:20 |
| S54 | 3 | (initial adj estimat\$5) and (channel adj tracker) | US-PGPUB; USPAT | OR | ON | 2003/11/28 10:26 |
| S55 | .11 | (channel adj estimator) and (channel adj tracker) | US-PGPUB; USPAT | OR | ON | 2003/11/28 10:26 |
| S56 | 1 | "6370189".pn. | US-PGPUB; USPAT | OR | ON | 2003/11/30 09:01 |
| S57 | í | "5185764":pn. | US-PGPUB; USPAT | OR | ON | 2004/06/14 15:08 |
| S58 | 16 | "5185764".URPN. | USPAT | OR | ON | 2004/06/14 15:08 |
| S59 | 2 | equalizer and (channel adj tracker) and controller | USPAT: | OR | ON | 2004/06/14 15:25 |
| S60 | 0 | equalizer and (channel adj tracker) and controller and (channel adj estimator) | USPAT | OR | ON | 2004/06/14 15:15 |
| S61 | 8 | equalizer and (channel adj tracker) and (channel adj estimator) | USPAT | OR: | ON | 2004/06/14 15:15 |
| S62 | 9 | equalizer same (channel adj tracker) | USPAT | OR | ON | 2004/06/14 15:58 |
| S63 | 8 | ("5230007" "5233633" "5263053" "5268930" "5422917" "6064703" "6137843" "6151487").PN | USPAT | OR | ON | 2004/06/14 15:25 |
| S64 | 2 | "6263030".URPN. | USPAT | OR | ON | 2004/06/14 15:26 |
| S65 | 18 | equalizer and (channel adj tracker) | USPAT | OR | ON | 2004/06/14 15:55 |
| S66 | 1 | "5230007".pn. | USPAT | OR | ON | 2004/06/14 15:55 |
| S67 | | "5268930".pn | USPAT | ÖR | ON | 2004/06/14 15:56 |
| S68 | 2 | (channel adj tracker) and (update adj channel adj estimat\$5) | USPAT | OR | ON | 2004/06/14 16:16 |

| S69 | 1 | (channel adj tracker) and (predetermined adj Criterion) | USPAT | OR | ON | 2004/06/14 16:00 |
|-----|----|---|-------|----|----|------------------|
| S70 | 1 | "6370189".pn. | USPAT | OR | ON | 2004/06/14 16:01 |
| S71 | 11 | ("5251237" "5263033" "5323421" "5446763" "5506861" "5544156" "5586143" "5862192" "6021161" "6084929" "6240099").PN. | USPAT | OR | ON | 2004/06/14 16:01 |
| S72 | 2 | (channel adj tracker) same (controller) | USPAT | OR | ON | 2004/06/14 16:28 |
| S73 | 0 | (channel adj tracker) same (enabl\$3) same (disabl\$3) | USPAT | OR | ON | 2004/06/14 16:45 |
| S74 | 1. | (channel adj tracker) same (disabl\$3) | USPAT | OR | ON | 2004/06/14 16:29 |
| S75 | 0 | (channel adj tracker) same (enabl\$3) | USPAT | OR | ON | 2004/06/14 16:31 |
| S76 | 7 | (channel adj tracker) same (update) | USPAT | OR | ON | 2004/06/14 16:34 |
| S77 | 6 | 375/232.ccls. and (channel adj tracker) | USPAT | OR | ON | 2004/06/14 16:39 |
| S78 | 2 | 375/232.ccls. and (channel adj tracker) and (update adj channel) | USPAT | OR | ON | 2004/06/14 16:43 |
| S79 | 7 | ("5263053" "5488638" "5621769" "5774504" "5790598" "5862192" "5937014").PN. | USPAT | OR | ON | 2004/06/14 16:41 |
| S80 | 0 | "375"/\$.ccls. and (channel adj tracker) and (no adj update adj channel) | USPAT | OR | ON | 2004/06/14 16:43 |
| S81 | 0 | "375"/\$.ccls. and (channel adj tracker) and (no adj channel adj update) | USPAT | OR | ON | 2004/06/14 16:44 |
| S82 | 4 | (channel adj tracker) and (enabl\$3) and (disabl\$3) | USPAT | OR | ON | 2004/06/14 16:47 |
| S83 | 1 | (channel adj tracker) and (no\$3 adj updat\$5) | USPAT | OR | ON | 2004/06/14 16:49 |
| S84 | 1 | "5191598".pn. | USPAT | OR | ON | 2004/06/14 16:49 |
| S85 | 42 | "5191598".URPN. | USPAT | OR | ON | 2004/06/14 16:50 |